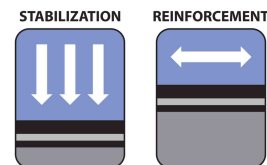




Synteon SC46K

Woven High Strength Polyester



Synteon SC46K is composed of high molecular weight, high tenacity multifilament polyester yarns that are woven into a stable network placed under tension. Synteon SC46K is inert to biological degradation and is resistant to naturally encountered chemicals, alkalis and acids.



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<u>ASTM D-4595</u>	46,150 lbs/ft	673.5 kN/m
Tensile Strength @ 5 % Strain	<u>ASTM D-4595</u>	19,000 lbs/ft	277.3 kN/m
(LTDS) Long Term Design Strength	GRI-GT7	23,546 lbs/ft	343.6 kN/m
Partial Factor -Environmental Effects Environment, 3 < pH < 9	GRI-GG7, GRI-GG8)	1.1 RFd	1.1 RFd
Partial Factor -Installation Damage (sand/silt/clay)	ASTM D 5818	1.18 RFid	1.18 RFid
Reduction Factor - Creep		1.51	1.51

Synteon SC46K Shipping & Packaging Information

SIZE	WIDTH	AREA
16.4' x 300'	16.4'	546.67 y ²

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